



Sigma | Sigma 3640

TE Internal #: 1-2176075-8

Sigma 3640, High Frequency & RF Inductors, High Frequency,
Surface Mount, Reeled, .6 x .3 x .23 mm, Tolerance 2%, Inductance .
0018 µH

[View on TE.com >](#)

Passive Components > Inductors > High Frequency & RF Inductors



Inductor Type: **High Frequency**
Mount Style: **Surface Mount**
Packaging Method: **Reeled**
Dimensions: **.6 x .3 x .23 mm**
Tolerance: **2%**

Features

Product Type Features

Inductor Type	High Frequency
Shielded	No
Element Type	Thin Film
Size Code	0201

Electrical Characteristics

Self Resonant Frequency	9 GHz
Tolerance	2%
Inductance	.0018 µH
Current Rating (Max)	200 mA
DC Resistance	.55 Ω

Body Features

Lead Type	Surface Mount Terminals
-----------	-------------------------

Mechanical Attachment

Mount Style	Surface Mount
-------------	---------------

Dimensions

Dimensions	.6 x .3 x .23 mm
------------	------------------

Packaging Features

Packaging Method	Reeled
------------------	--------



Other

Comment	Tolerance 0.2nH.
Quality Factor	8

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUL 2019 (201) Candidate List Declared Against: JUL 2019 (201) Does not contain REACH SVHC
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUL 2019 (201) Candidate List Declared Against: JUL 2019 (201)
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Reflow solder capable to 260°C

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts





TE Model / Part # 7-1624108-0
3640 0402 18nH 2% 1K RL



TE Model / Part # 2-1624108-5
3640 0402 2.2nH +/-0.2nH 1K RL



TE Model / Part # 6-1624108-1
3640 0402 5.6nH +/-0.2nH 1K RL



TE Model / Part # 6-1624108-3
3640 0402 7.2nH +/-0.2nH 1K RL



TE Model / Part # 1624108-5
3640 0402 22nH 5% 10K RL

Also in the Series | Sigma 3640



High Frequency & RF Inductors(116)

Customers Also Bought



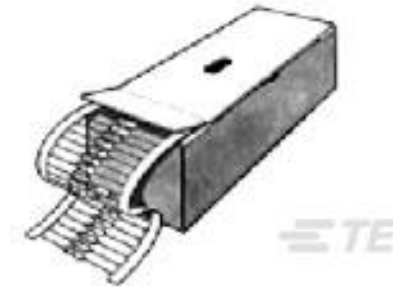
TE Model / Part #1624094-8
3613C 22UH 10%



TE Model / Part #8-1879208-5
CPF 0402 33K 0.1% 25PPM 1K RL



TE Model / Part #6-1879208-7
CPF 0402 5K6 0.1% 25PPM 1K RL



TE Model / Part #2176081-1
EP 1W (S) 10R 5%



TE Model / Part #1393240-9
RT315005



TE Model / Part #1622587-1
LR1 1% 8R2



TE Model / Part #1-1241150-0
10P MOD II BREAK AWAY HDR,SMD, BLISTER



TE Model / Part #7-1624108-0
3640 0402 18nH 2% 1K RL





TE Model / Part #3-1624112-8
[3650 0402 7.5nH 5% 2K RL](#)



TE Model / Part #2176075-6
[3640 0201 0.6nH +/-0.2nH 1K RL](#)

Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-2176075-8_BA.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2176075-8_BA.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2176075-8_BA.3d_stp.zip](#)

English

Datasheets & Catalog Pages

[High Frequency Inductors SMD - Type 3640 Series - Tyco Electronics Passives](#)

English